

Title (en)  
METHOD FOR PRODUCING TEST PIECES OF WATER-INSOLUBLE MATERIAL FOR MALDI MASS SPECTROMETRY AND METHOD FOR QUANTITATIVE ANALYSIS OF WATER-INSOLUBLE MATERIAL USING MALDI MASS SPECTROMETRY

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON PROBESTÜCKEN AUS WASSERUNLÖSLICHEM MATERIAL FÜR MALDI-MASSENSPEKTROMETRIE UND VERFAHREN ZUR QUANTITATIVEN ANALYSE VON WASSERUNLÖSLICHEM MATERIAL MITTELS MALDI-MASSENSPEKTROMETRIE

Title (fr)  
PROCÉDÉ DE PRODUCTION DE PIÈCES D'ESSAI DE MATÉRIAU INSOLUBLE DANS L'EAU DESTINÉ À UNE SPECTROMÉTRIE DE MASSE MALDI ET PROCÉDÉ D'ANALYSE QUANTITATIVE DE MATÉRIAU INSOLUBLE DANS L'EAU À L'AIDE D'UNE SPECTROMÉTRIE DE MASSE MALDI

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Abstract (en)  
[origin: EP3708996A1] The present invention relates to a method for producing test pieces in which the thickness of the samples of homogeneous water-insoluble material is uniform, and to a method for quantitative analysis of water-insoluble material by analyzing such test pieces using MALDI mass spectrometry. Specifically, the test pieces can be produced by: adding a volatile solvent to a mixture of water-insoluble material and matrix; placing, in a pellet cup made of water-soluble material, and pressing, with even pressure, the sample obtained by mixing the mixture of water-insoluble material and matrix until the solvent has evaporated; and melting the pellet cup with water.

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Citation (examination)  
RANDALL SKELTON ET AL: "A MALDI Sample Preparation Method Suitable for Insoluble Polymers", ANALYTICAL CHEMISTRY, vol. 72, no. 7, 1 April 2000 (2000-04-01), US, pages 1707 - 1710, XP055353118, ISSN: 0003-2700, DOI: 10.1021/ac991181u

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